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**We are pleased to announce that the following projects  
have been approved for Earthwatch support for the 2006 fiscal year  
(October 2005 - September 2006)**

## **LIFE SCIENCES**

### **CONSERVATION BIOLOGY**

**Andanje, Samuel, Ph.D.**, Kenya Wildlife Service • **William Ogara, Ph.D.**, University of Nairobi • **Nicholas Ogue, Ph.D.**, Earthwatch Institute. *Samburu Conservation Research Initiative: Carnivores in Conflict: Their Ecology and Conservation, and the Economic Impacts of Livestock Depredation, Kenya.*

**Avery, Harold, Ph.D.**, Drexel University. *Population Ecology of the Diamondback Terrapin (*Malaclemys terrapin*) at Barnegat Bay Estuary, U.S.*

**Beier, Paul, Ph.D.**, Northern Arizona University • **Sam Moses**, Ghana Wildlife Division • **Alfred Oteng-Yeboah, Ph.D.**, University of Ghana. *Wildlife Conservation in the Red Volta River Valley, Ghana.*

**Corea, Ravi**, Sri Lanka Wildlife Conservation Society • **Prithviraj Fernando**, Southern Elephant Research Group • **Harsha Gammanpila**, Sri Lanka Wildlife Conservation Society • **Mark Weckel**, Mianus River Gorge Preserve. *Surveying Elephants and Helping to Solve Human-Elephant Conflicts in the Central and North Central Provinces of Sri Lanka in the Vicinity of the Wasgamuwa National Park.*

**Dzikouk, Guillaume, Ph.D.**, Cameroon Biodiversity Conservation Society • **Taku Awa II**, Cameroon Biodiversity Conservation Society. *Contribution to the Bioecology of the Grey-necked Picathartes (*Picathartes oreas*), Cameroon.*

**Garshelis, David, Ph.D.**, Minnesota Department of Natural Resources • **William McShea, Ph.D.**, Smithsonian Institution National Zoological Park; Wildlife Conservation Society • **Xiaojian Zhu, Ph.D.**, Peking University. *Investigating the Habitat Needs of Asiatic Black Bears in China's Giant Panda Reserves, China.*

**Grant, Paul**, University of Stellenbosch; Universidad Nacional (Costa Rica) • **Alison Leslie**, University of Stellenbosch. *Crocodylians of Costa Rica.*

**Keuroghlian, Alexine, Ph.D.**, UNIDERP; Institute for Biological Conservation • **Arnaud Desbiez**, Kent University. *Pantanal Conservation Research Initiative: Peccaries and Feral Pigs of the Southern Pantanal and Their Reponse to Seasonal Fluctuations in the Pantanal of Nhecolandia, Brazil.*

**Kosuge, Yasuhiro**, Fresh Water Turtle Network. *Survey of the Endangered Indigenous Tortoise to Set up Conservation Methods, Chiba, Japan.*

**Kutt, Alex, Ph.D.**, Environmental Protection Agency; Tropical Savannas CRC • **Jeanette Kemp**, Queensland Herbarium. *From Tropical Rainforest to Tropical Savannas: Biodiversity Conservation Management of Brooklyn Station, Queensland, Australia.*

**Lucherini, Mauro, Ph.D.**, Universidad Nacional del Sur • **Diego Castillo**, Universidad Nacional del Sur • **Estela Luengos Vidal**, Universidad Nacional del Sur • **Claudia Manfredi**, Universidad Nacional del Sur. *Top Predators of Central Argentina.*

**Marker, Laurie, Ph.D.**, Cheetah Conservation Fund. *Conservation Strategies for the Long-term Survival of Cheetah in Namibia.*

**McKinney, Tracie**, Ohio State University • **Scott McGraw, Ph.D.**, Ohio State University. *Adaptation of Costa Rican Primates to Human Disturbance, Costa Rica.*

**McKnight, Alyson**, US Fish & Wildlife Service • **David Irons, Ph.D.**, US Fish & Wildlife Service. *Seabird Monitoring in Prince William Sound, U.S.*

**Minato, Shusaku, Ph.D.**, Dormouse Museum, Kiyosato Educational Experiment Project. *Ecological Survey to Set up the Conservation Method in the Forests and Mountains for Dormouse Habitation, Japan.*

**Njue, Alexander, Ph.D.**, Kenyatta University • **Kiplagat Kotut, Ph.D.**, Kenyatta University. Samburu Conservation Research Initiative: *Temporal and Spatial Distribution of Water Resources in the Samburu Region, with Emphasis on Water Quantity and Quality, Aquatic Biodiversity, Human Use, and Potential for Conflict, Kenya.*

**Ogweno, Donald, Ph.D.**, Moi University • **Fred Atieno**, International Plant Genetic Research Institute • **Alexander Njue, Ph.D.**, Kenyatta University. Samburu Conservation Research Initiative: *Comparative Evaluation of Critical Wildlife Habitats in and Outside Protected Areas in Samburu, Kenya.*

**Povillitis, Anthony, Ph.D.**, Life Net; University of New Mexico. *Social Behavior of the Huemul Deer, Chile's Endangered National Icon.*

**Reinhardt, Ulrich, Ph.D.**, Eastern Michigan University • **Alan Tye, Ph.D.**, Charles Darwin Research Centre • **Jennifer Young**, University of Michigan. *Management of Invasive Quinine Trees and Conservation of an Endangered Bird Species in High-priority Areas in the Galapagos Islands, Ecuador.*

**Sammy, Dennis**, Nature Seekers • **Scott Eckert, Ph.D.**, Wider Caribbean Sea Turtle Conservation Network (WIDECAST). *Leatherback Sea Turtle Conservation and Community-based Tourism, Trinidad, West Indies.*

**Stork, Nigel, Ph.D.**, James Cook University • **Steve Turton**, James Cook University. *The Dynamics of Spatial and Temporal Use of a Wet Tropical Rainforest Canopy by Vertebrates and Invertebrates in Relation to Structural and Microclimate Variation, North Queensland, Australia.*

**Williams, Stephen, Ph.D.**, James Cook University. North Queensland Conservation Research Initiative: *Impacts of Climate Change on Tropical Rainforests of Australia.*

## ECOLOGY AND EVOLUTIONARY BIOLOGY

**Cahan, Sara, Ph.D.**, University of Vermont • **Glennis Julian, Ph.D.**, University of Texas. Student Challenge Awards Program (SCAP): *Genetic Caste Determination in an Ant Hybrid Zone, U.S.*

**Eaton, Donald**, UNIDERP; Institute for Biological Conservation. Pantanal Conservation Research Initiative: *Conservation of Freshwater Invertebrates and Fishes in the Pantanal Wetlands, Brazil.*

**Fischer, Erich, Ph.D.**, Universidade Federal de Mato Grosso do Sul • **Andréa Araujo, Ph.D.**, Universidade Federal de Mato Grosso do Sul • **Gustavo Gracioli, Ph.D.**, Universidade Federal de Mato Grosso do Sul. Pantanal Conservation Research Initiative: *Bat Assemblage in the Rio Negro: Richness, Diversity, Food Sources, and Ectoparasites, Brazil.*

**Freudenberger, David, Ph.D.**, Commonwealth Scientific and Industrial Research Organisation (CSIRO) Sustainable Ecosystems • **Geoff Barrett, Ph.D.**, Commonwealth Scientific and Industrial Research Organisation (CSIRO) Sustainable Ecosystems. *Return of the Dawn Chorus, Australia.*

**Fuller, Claire, Ph.D.**, Murray State University • **Marielle Postava-Davignon**, Northeastern University. Student Challenge Awards Program (SCAP): *Ecology of Caribbean Termites: The Impact of the Physical Environment on Immunity and the Microbial Community, U.S. Virgin Islands.*

**Galetti, Mauro, Ph.D.**, Universidade Estadual Paulista; Universidade Vale dos Sinos; Institute for Biological Conservation • **Marco Pizo, Ph.D.**, Universidade Estadual Paulista; Universidade Vale dos Sinos; Institute for Biological Conservation • **Camila Donatti**, Universidade Estadual Paulista; Universidade Vale dos Sinos; Institute for Biological Conservation. Pantanal Conservation Research Initiative: *Keystone Fruits and Frugivores in the Pantanal and Cerrado, Brazil.*

**Harper, David, Ph.D.**, University of Leicester • **Kenneth Mavuti, Ph.D.**, University of Nairobi • **Ian Donohue, Ph.D.**, Trinity College • **Tony Drane**, Independent Ecology Consultant • **Jon Grey, Ph.D.**, University of London • **David Agassiz, Ph.D.**, The Natural History Museum, London • **Rob Britton, Ph.D.**, Environment Agency-U.K. *Exploring Kenya's Rift Valley Lakes.*

**Helary, Stephane, Ph.D.**, University of Witwatersrand. *Comparison of the Contribution of Different Habitat Types to Black Rhinoceros (*Diceros bicornis*) Nutritional Status and Reproductive Potential, Namibia.*

**Holl, Karen, Ph.D.**, University of California, Santa Cruz • **Catherine Lindell, Ph.D.**, Michigan State University • **Rakan Zahawi, Ph.D.**, Organization for Tropical Studies. *Tropical Forest Restoration in Costa Rica.*

**Huxham, Mark, Ph.D.**, Napier University • **James Kairo, Ph.D.**, Kenya Marine and Fisheries Research Institute • **Martin Skov, Ph.D.**, University of Wales. *The Effects of Species Richness on Growth and Ecosystem Functions of Restored East African Mangrove Stands, Kenya.*

**Jenkins, Seán, Ph.D.**, Western Illinois University • **Richard Anderson, Ph.D.**, Western Illinois University • **Michael Romano, Ph.D.**, Western Illinois University • **Susan Meiers, Ph.D.**, Western Illinois University • **Ken McCravy, Ph.D.**, Western Illinois University • **Timothy Spier, Ph.D.**, Western Illinois University. Student Challenge Awards Program (SCAP): *Long-term Riparian and Aquatic Ecosystem Monitoring Projects on the Upper Mississippi River, U.S.*

**Joyce, Chris, Ph.D.**, University of Brighton • **Elle Puurmann**, West Estonian Archipelago Biosphere Reserve. *Restoring Biodiversity to Coastal Wet Grasslands in West Estonia.*

**Keir, Jerry**, Great Basin Institute; University of Nevada • **Juan Francisco Castellanos-Avila**, Great Basin Institute • **Alan Gubanich, Ph.D.**, University of Nevada • **Paulino Ponce**, Bosque Tropical A.C. *La Manzanilla Conservation Project, Mexico.*

**Kephart, Susan, Ph.D.**, Willamette University • **Shannon Datwyler**, California State University, Sacramento. *Pollinators and Breeding Patterns in Rare and Common Wildflowers, Oregon & California, U.S.*

**Lindenmayer, David, Ph.D.**, The Australian National University. *Australia Burning: Determining How Native Animals Respond to Fire.*

**Mahony, Michael, Ph.D.**, University of Newcastle. *Australia's Vanishing Frogs.*

**Nguyen, Sinh Van, Ph.D.**, Vietnamese Academy of Science & Technology. *Study of the Ecological Characteristics of Native Forest Tree Species to Build the Scientific Basis for Restoration of Native Forest Ecosystems in Vietnam.*

**Paton, David, Ph.D.**, University of Adelaide. *Waterbirds of the Coorong, Australia.*

**Peters, Valerie**, University of Georgia. *Protection of Ecological Services Through Shade Tree Diversity in Shade Grown Coffee, Costa Rica.*

**Rademaker, Vitor**, Fundação Oswaldo Cruz (FIOCRUZ); Pennsylvania State University • **Natalie Olifiers**, Fundação Oswaldo Cruz (FIOCRUZ); University of Missouri • **Paulo D'Andrea, Ph.D.**, Fundação Oswaldo Cruz (FIOCRUZ) • **Heitor Herrera, Ph.D.**, Fundação Oswaldo Cruz (FIOCRUZ) • **Ana Maria Jansen**, Fundação Oswaldo Cruz (FIOCRUZ). Pantanal Conservation Research Initiative: *Disease Ecology and Health Monitoring of Wild Mammal Species in the Pantanal, Brazil.*

**Ratsimbazafy, Jonah, Ph.D.**, Durrell Wildlife Conservation Trust, Madagascar Programme • **Vololoniaina Jeannoda, Ph.D.**, University of Antananarivo. *Behavioral Ecology of the Remaining Black and White Ruffed Lemurs (Varecia variegata editorium) Following Catastrophic Habitat Destruction at Manombo Special Reserve, Madagascar.*

**Reading, Richard, Ph.D.**, Denver Zoological Foundation • **Sukhiin Amgalanbaatar**, Mongolian Academy of Sciences • **Ganchimeg Wingard**, University of Montana. *Ecology and Conservation of Argali Sheep (Ovis ammon) in Mongolia.*

**Riley, Ralph, Ph.D.**, Earthwatch Institute. Student Challenge Awards Program (SCAP): *Salmon of the Pacific Northwest, U.S.*

**Wang, Ellen**, Earthwatch Institute; Universidade Estadual Paulista • **Vanda Lúcia Ferreira, Ph.D.**, Universidade Federal de Mato Grosso do Sul • **Himmelstein, Jeffrey**, William Paterson University • **Christine Strüssmann, Ph.D.**, Universidade Federal de Mato Grosso. Pantanal Conservation Research Initiative: *Amphibians and Reptiles of the Southern Pantanal, Brazil.*

**Westcott, David, Ph.D.**, Commonwealth Scientific and Industrial Research Organisation (CSIRO) Tropical Forest Research Centre. North Queensland Conservation Research Initiative: *Fruits, Frugivores, and Seed Dispersal in a Changing Tropical Landscape, Australia.*

## MARINE SCIENCES

**Alexander Garner, Jeanne**, West Indies Marine Animal Research and Conservation Service • **Peter Dutton, Ph.D.**, West Indies Marine Animal Research and Conservation Service • **Steve Garner**, NMFS, Southwest Fisheries Science. *Saving the Leatherback Sea Turtle, St. Croix, U.S. Virgin Islands.*

**Balcomb, Kenneth**, Center for Whale Research • **Astrid van Ginneken, Ph.D.**, Erasmus University. *Orca Survey, Washington, U.S.*

**Barnes, Richard, Ph.D.**, Cambridge University • **D.K. Barnes**, Cambridge University • **Justin Gerlach, Ph.D.**, Cambridge University • **David Smith, Ph.D.**, University of Essex. *Status and Conservation Ecology of Coastal Habitats in the Silhouette Marine National Park, Seychelles.*

**Bearzi, Giovanni, Ph.D.**, Tethys Research Institute • **Joan Gonzalvo**, University of Barcelona. *Investigating Ecosystem Structure and Dolphin-Fisheries Interactions in a "Natural Laboratory": The Amvrakikos Gulf, Greece.*

**Bell, Ian**, Queensland Parks and Wildlife Service. North Queensland Conservation Research Initiative: *Monitoring the Foraging and Nesting Population Demographics and Reproductive Biology of Hawksbill Turtles (Eretmochelys imbricata), on the Great Barrier Reef, Australia.*

**Cañadas, Ana**, Universidad Autónoma de Madrid; ALNITAK • **Ricardo Sagarminaga van Buiten**, ALNITAK Marine Environment Research and Education Center. *Spanish Dolphins: The Common Dolphin as a Tool for Designating Marine Protected Areas in the Spanish Mediterranean.*

**Cigliano, John, Ph.D.**, Cedar Crest College. Belize Conservation Research Initiative: *How Effective is the Sapodilla Cayes Marine Reserve (Belize) in Protecting and Replenishing Queen Conch (Strombus gigas) Populations?*

**Claridge, Diane**, Bahamas Marine Mammal Survey • **John Durban, Ph.D.**, Alaska Fisheries Science Center • **Kim Parsons, Ph.D.**, Northwest Fisheries Science Center. *Visual and Acoustic Survey of Bahamian Marine Mammal Species and Habitats.*

**Crabbe, James, Ph.D.**, University of Reading. Belize Conservation Research Initiative: *Coral Reefs of Belize.*

**Crabbe, James, Ph.D.**, University of Reading. *Growth Rates and Recruitment Dates for Reef-building Corals, Jamaica.*

**FitzSimmons, Nancy, Ph.D.**, University of Canberra • **Tony Tucker, Ph.D.**, Mote Marine Laboratory. *Freshwater Turtles of the Kimberley, Australia.*

**Gordon, Jonathan, Ph.D.**, Hebridean Whale and Dolphin Trust • **Juliet Shrimpton**, Hebridean Whale and Dolphin Trust. *Monitoring the Distribution and Abundance of Cetaceans in the Hebrides, Scotland.*

**Heiss, Georg, Ph.D.**, The Reef Check Foundation • **William Kiene**, The Reef Check Foundation • **Kim Obermeyer**, The Reef Check Foundation. *Conservation and Monitoring of Coral Reefs in Thailand.*

**Kaufman, Les, Ph.D.**, Boston University • **Burton Shank**, Boston University. Belize Conservation Research Initiative: *Coral Resiliency and Coral Assemblage Structure in Marine Protected Areas of Southern Belize.*

**Maldini, Daniela, Ph.D.**, Earthwatch Institute; University of Massachusetts, Amherst • **Thomas Jefferson, Ph.D.**, National Marine Fisheries Service. *Marine Mammals of Monterey Bay, U.S.*

**Megill, William, Ph.D.**, University of Bath; Coastal Ecosystems Research Foundation • **Michelle Kinzel**, Coastal Ecosystems Research Foundation • **Lei Lani Stelle, Ph.D.**, Rochester Institute of Technology; Coastal Ecosystems Research Foundation • **Jennifer Lindsay Wladichuk**, University of British Columbia; Coastal Ecosystems Research Foundation. *Grey Whales, Mysids, and the Migrations Between the Cape Caution (Canada) and Baja (Mexico) Ecosystems.*

**Megill, William, Ph.D.**, University of Bath; Coastal Ecosystems Research Foundation • **Lei Lani Stelle, Ph.D.**, Rochester Institute of Technology; Coastal Ecosystems Research Foundation. Student Challenge Awards Program (SCAP). *Whales, Their Prey, and Coastal Oceanography, Canada.*

**Megill, William, Ph.D.**, University of Bath; Coastal Ecosystems Research Foundation • **Jennifer Lindsay Wladichuk**, University of British Columbia; Coastal Ecosystems Research Foundation. *Grey Whale Research and Techniques, U.K.*

**Mercado, Eduardo, Ph.D.**, University at Buffalo, SUNY • **Jennifer Schneider**, University at Buffalo, SUNY. *Singing Whales of Puerto Rico.*

**Mizuno, Kenjiro**, Sea Turtle Association of Japan. *Survey to Ascertain the Changes of the Distribution of the Nesting Beaches at Amami Islands, Japan.*

**Norman, Brad**, ECOCEAN • **Jason Holmberg**, ECOCEAN. *Ningaloo Reef Whale Shark Conservation, Australia.*

**Paladino, Frank, Ph.D.**, Indiana-Purdue University • **Harold Avery, Ph.D.**, Drexel University • **Robert George, Ph.D.**, Virginia Institute of Marine Sciences • **Richard Reina, Ph.D.**, Monash University • **James Spotila, Ph.D.**, Drexel University. *Leatherback Turtle Nesting Ecology and Physiology, Costa Rica.*

**Robinson, Kevin, Ph.D.**, Cetacean Research and Rescue Unit. *Dolphins and Whales of the Moray Firth, U.K.*

**Rollino, John**, Earth Tech Inc. • **Thomas McGrath**, Corning Community College • **Garriett Smith, Ph.D.**, University of South Carolina. *Long-term Study of Coral Bleaching on Reefs of San Salvador Island, Bahamas.*

**Santos, Marcos, Ph.D.**, Universidad de São Paulo. *Monitoring Marine Mammals in an Estuary in Southeast Brazil.*

**Self Sullivan, Caryn**, Texas A&M University; Sirenian International, Inc. • **Katherine LaCommare**, University of Massachusetts; Sirenian International, Inc. *Ecology and Behavior of Antillean Manatees in the Drowned Cayes, Belize.*

**Shulman, Myra, Ph.D.**, Cornell University • **Julie Ellis, Ph.D.**, Cornell University; Shoals Marine Laboratory • **Sara Morris, Ph.D.**, Canisius College • **Jon Witman, Ph.D.**, Brown University. *Breeding and Foraging Behavior of Great Black-backed and Herring Gulls in the Gulf of Maine, U.S.*

**Speedie, Colin**, MER Consultants Ltd. *Examining the Spatial and Temporal Distribution of the Basking Shark (*Cetorhinus maximus*) in British Waters, U.K.*

**Sullivan Sealey, Kathleen, Ph.D.**, College of the Bahamas. *Coastal Ecology of the Bahamas.*

**Suzuki, Yoshimi, Ph.D.**, Shizuoka University • **Beatriz Estela Casareto**, Laboratory of Aquatic Science. *Research Project on the Health of a Coral Reef Ecosystem, Okinawa, Japan.*

**Toledo Association for Sustainable Tourism and Empowerment (TASTE)**. Belize Conservation Research Initiative: *Monitoring in the Sapodilla Cayes Marine Reserve in Southern Belize.*

**Toledo Institute for Development and the Environment (TIDE)**. Belize Conservation Research Initiative: *Monitoring in the Port Honduras Marine Reserve in Southern Belize.*

**Wells, Randall, Ph.D.**, Chicago Zoological Society; Mote Marine Laboratory • **Jason Allen**, Chicago Zoological Society. *Wild Dolphin Societies, Florida, U.S.*

**Westcott, Stephen**, Countryside Council for Wales. *Assessing Breeding Success of the Grey Seal (*Halichoerus grypus*) in Southwest England, U.K.*

**Würsig, Bernd, Ph.D.**, Texas A&M University • **Jody Weir**, Texas A&M University. *Dusky Dolphins Movements, Social Grouping, and Human-Related Behaviors, New Zealand.*

#### PLANT SCIENCES

**Natallia Zelenkevich**, National Academy of Sciences of Belarus. *Study of the Geobotanical State of Oligotrophic Bogs of Belarus with the Aim to Discover the Most Rare Complexes for Their Following Conservation, Belarus.*

**Ofori-Frimpong, Kwasi, Ph.D.**, Cocoa Research Institute of Ghana • **John Mason**, NCRC. *Sustainable Cocoa Farming Project, Ghana.*

**Silverstone, Sally**, Tropic Ventures Education and Research Foundation; Global Ecotechnics Corporation • **Mark Nelson, Ph.D.**, Global Ecotechnics Corporation • **Rafael Joglar, Ph.D.**, University of Puerto Rico • **Patricia Burrowes, Ph.D.**, University of Puerto Rico. *Rainforest Enrichment Project, Puerto Rico.*

**Sircar, Sumita**, Institute of Forest Productivity • **Sindhu Veerendra**, Institute of Forest Productivity. *Investigations on Impact of Climate Change on Threatened and Endangered Orchids in Buxa Tiger Reserve in West Bengal, India.*

#### ZOOLOGY

**Barham, Peter, Ph.D.**, University of Bristol • **Leslie Underhill, Ph.D.**, University of Cape Town • **Robert Crawford, Ph.D.**, Marine and Coastal Management • **Mario Leshoro**, Robben Island Museum • **Duncan Bolton**, Bristol Zoo Gardens. *The Robben Island Penguin Project, South Africa.*

**Becker, C. Dustin, Ph.D.**, University of New Mexico • **Anthony Povilitis, Ph.D.**, University of New Mexico; Life Net • **Susan Wethington, Ph.D.**, Hummingbird Monitoring Network. *Conservation Studies: Birds and Ecotourism in Western Ecuador.*

**Brightsmith, Donald, Ph.D.**, Rainforest Expeditions; Duke University. *Macaw Conservation in the Tambopata-Candamo Reserve Zone: Evaluation of Tourism Impacts and Population Management Techniques, Peru.*

**Clutton-Brock, Timothy, Ph.D.**, University of Cambridge • **Marta Manser, Ph.D.**, University of Zurich. *Cooperation and Competition in Kalahari Mammals, South Africa.*

**Dittus, Wolfgang, Ph.D.**, Smithsonian Institution National Zoological Park. *Behavior, Ecology, and Epidemiology in Toque Macaques (Macaca sinica) of Sri Lanka.*

**Dollar, Luke**, Duke University • **Ken Glander, Ph.D.**, Duke University • **Julie Pomerantz, DVM**, Duke University. *Carnivores of Madagascar: Conservation, Distribution, and Abundance of Carnivores in Ankarafantsika and Kirindy Mitea National Parks, with Special Emphasis on the Impacts of Non-endemic Competitors on the Behavioral Ecology of the Fossa (Cryptoprocta ferox).*

**Donatelli, Reginaldo, Ph.D.**, Universidade Estadual Paulista. *Pantanal Conservation Research Initiative: Birds and Dynamic Habitat Mosaics in the Pantanal, Brazil.*

**Dyer, Lee, Ph.D.**, Tulane University. *Caterpillars in Diverse Ecosystems, U.S., Costa Rica, and Ecuador.*

**Dyer, Lee, Ph.D.**, Tulane University. Student Challenge Awards Program (SCAP): *Diversity and Natural Enemies of Desert Caterpillars, U.S.*

**Foerster, Steffen**, Columbia University • **Elizabeth Mumia**, Moi University • **Geoffrey Wahungu, Ph.D.**, Moi University. *Consequences of Human-Animal Interactions on Behavior and Stress Levels of Wild Sykes Monkeys in Kenya.*

**Fouts, Roger, Ph.D.**, CHCI, Central Washington University • **Deborah Fouts, M.S.**, CHCI, Central Washington University • **Mary Lee Jensvold, Ph.D.**, CHCI, Central Washington University. *Chimpanzee (Pan troglodytes) Behavior, Proximity, and Space Use in a Complex, Captive Environment, Washington, U.S.*

**Gatimu, Linus**, Moi University • **Geoffrey Wahungu, Ph.D.**, Moi University. *Sweetwaters Black Rhino Project, Kenya.*

**Hamer, Michelle, Ph.D.**, University of KwaZulu-Natal • **Dai Herbert, Ph.D.**, Natal Museum • **Robert Slotow, Ph.D.**, University of KwaZulu-Natal. *Improved Biodiversity Conservation in South Africa Through the Inclusion of Invertebrates.*

**Kingston, Tigga, Ph.D.**, Boston University. *Spatial Determinants of Insectivorous Bat Diversity: Pattern and Process in a Paleotropical Rainforest, Malaysia.*

**Kirathe, Joseph**, Lewa Wildlife Conservancy • **Daniel Rubenstein, Ph.D.**, Princeton University • **Nicholas Oguge, Ph.D.**, Earthwatch Institute. *Samburu Conservation Research Initiative: Grevy's Zebras: Ecological Monitoring on a Wildlife Conservancy, Kenya.*

**Leggett, Keith, Ph.D.**, Namibian Elephant and Giraffe Trust. *A Scientific and Conservancy Approach Towards Sustainable Use Management of Elephants in Northwest Namibia.*

**Leslie, Alison, Ph.D.**, University of Stellenbosch. *Ecology, Physiology, and Conservation of the Nile Crocodile (Crocodylus niloticus) in the Okavango, Botswana.*

**Lindenmayer, David, Ph.D.**, The Australian National University • **Damian Michael**, The Australian National University. *Australia's Forest Marsupials.*

**McKnight, Barbara, Ph.D.**, Kenya Wildlife Service • **Samuel Kasiki, Ph.D.**, Kenya Wildlife Service. *Tsavo Elephant Behavior and Boundary Crossings, Kenya.*

**Medina-Vogel, Gonzalo, Ph.D.**, Universidad Nacional Andrés Bello • **Juliana de Abreu Vianna**, Universidad Nacional Andrés Bello. *Otters of Chile: Phylogeography of the Marine Otter (Lontra felina) and the Southern River Otter (Lontra provocax) in Chile.*

**Melzer, Alistair, Ph.D.**, Koala Research Centre of Central Queensland • **Bill Ellis, Ph.D.**, University of Queensland. *Ecology of Koalas on St. Bees Island, Australia.*

**Muoria, Paul, Ph.D.**, Institute of Primate Research, National Museums of Kenya; African Wildlife Foundation • **Daniel Rubenstein, Ph.D.**, Princeton University • **Nicholas Oguge, Ph.D.**, Earthwatch Institute • **Joseph Kirathe**, Lewa Wildlife Conservancy. *Samburu Conservation Research Initiative: Grevy's Zebras: Ecological Monitoring on Pastoral Lands, Kenya.*

**Newmark, William D., Ph.D.**, Utah Museum of Natural History • **Eric Rickart, Ph.D.**, Utah Museum of Natural History. *Large Mammal Movement in Western North America, U.S.*

**Newman, Chris, Ph.D.**, Oxford University • **Christina Buesching, Ph.D.**, Oxford University. *Population Ecology of British Mammals in Wytham Woods, U.K.*

**Patterson, Bruce, Ph.D.**, The Field Museum of Natural History • **Roland Kays, Ph.D.**, New York State Museum • **Samuel Kasiki, Ph.D.**, Kenya Wildlife Service • **Alexander Mwazo Gombe**, Kenya Wildlife Service. *Ecology and Behavior of Maneless Lions in Arid Rangelands of Kenya.*

**Peterson, Rolf, Ph.D.**, Michigan Technological University. *Moose and Wolf Ecology on Isle Royale, U.S.*

**Rismiller, Peggy Ph.D.**, University of Adelaide; Pelican Lagoon Research Centre. *Echidnas and Goannas of Kangaroo Island, Australia.*

**Scott, Dawn, Ph.D.**, University of Brighton • **Richard Yarnell**, University of Brighton. *South Africa's Brown Hyenas.*

**Silveira, Leandro, Ph.D.**, Jaguar Conservation Fund; Instituto Pró-Carnívoros • **Anah Tereza de Almeida Jacomo, Ph.D.**, Jaguar Conservation Fund; Instituto Pró-Carnívoros • **Cyntia Kayo Kashivakura**, Jaguar Conservation Fund • **Mariana Malzoni Furtado**, Jaguar Conservation Fund. Pantanal Conservation Research Initiative: *Carnivores of Brazil's Grasslands.*

**Soberón, Roberto**, Ministry of Agriculture, Cuba • **Manuel Tabet**, Ministry of Agriculture, Cuba • **John Thorbjarnarson, Ph.D.**, Wildlife Conservation Society. *Ecology of the American Crocodile in the Monte Cabaniguan Wildlife Refuge, Cuba.*

**van Rensburg, Susan**, KwaZulu-Natal Nature Conservation Service • **Lulama Fanayo**, KwaZulu-Natal Nature Conservation Service. *Large Herbivore Census in Hluhluwe-iMfolozi Park, South Africa.*

**Vu, Lien Van, Ph.D.**, Vietnam Russia Tropical Center. *Monitoring Butterflies of Vietnam.*

**Waldemarin, Helen, Ph.D.**, Associação Ecológica Ecomarapendi • **Miguel Barroeta**, Associação Ecológica Ecomarapendi. Pantanal Conservation Research Initiative: *Ecology and Conservation of Pantanal Otters, Brazil.*

**Watanabe, Michihito**, Laboratory of Natural Science for Coexistence of Human & Nature • **Yasuo Hagiwara, DMSc.**, University of Showa. *Survey of the Ecology of Endangered Grassland Butterflies at the Foot of Mt. Fuji, Japan.*

**Wright, Patricia, Ph.D.**, Stony Brook University • **Summer Arrigo-Nelson**, Institute for the Conservation of Tropical Environments. *Behavioral Ecology of Rain Forest Lemurs (Propithecus edwardsi) in Ranomafana National Park, Madagascar.*

## PHYSICAL SCIENCES

### CLIMATE CHANGE

**Fishback, LeeAnn, Ph.D.**, Churchill Northern Studies Centre • **W. Ben Cash, Ph.D.**, Maryville College. Student Challenge Awards Program (SCAP): *Water Quality and Ecology of Tundra Wetlands, Canada.*

**Kershaw, Peter, Ph.D.**, University of Alberta. *Long Term Biodiversity at Treeline, Manitoba, Canada.*

**Loik, Michael, Ph.D.**, University of California, Santa Cruz. Student Challenge Awards Program (SCAP): *Plant Responses to Climate Change in the Western United States, U.S.*

**Loik, Michael, Ph.D.**, University of California, Santa Cruz. Student Challenge Awards Program (SCAP): *Tree Line Responses to Climate Change in the Sierra Nevada, U.S.*

**Thomas, Rob, Ph.D.**, Cardiff School of Biosciences • **Marcial Felgueiras**, A Rocha Bird Observatory and Field Studies • **Will Simonson**, A Rocha Bird Observatory and Field Studies. *Storm Petrels, Ocean Ecosystems, and Climate Change, Portugal.*

## EARTH SCIENCES

**Gu, Wei-Zu**, Nanjing Institute of Hydrology and Water Resources • **Klaus-Peter Seiler, Ph.D.**, GSF-National Research Centre. *Ecohydrological Research for Ejin Basin, Inner Mongolia.*

**Krecek, Josef, Ph.D.**, International Association on Headwaters • **Zuzana Horicka**, Charles University. *Acid Rain: Rehabilitation of the Air-pollution-damaged Headwaters of North Bohemia, The Czech Republic.*

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